B1

PG-4 : Arg-Gly-Gly-Gly-Leu-Cys-Tyr-Cys-Arg-Gly-Trp-Ile-Cys-Phe-Cys-Val-Gly-Arg-NH_2 (SEQ ID NO: 4)

PG-5 : Arg-Gly-Gly-Gly-Leu-Cys-Tyr-Cys-Arg-Pro-Arg-Phe-Cys-Val-Cys-Val-Gly-Arg-NH_2 (SEQ ID NO: 5) --

Please replace line 30 on page 4, with the following rewritten line:

B2

-- P1 : Arg-Arg-Trp-Cys-Phe-Arg-Val-Cys-Tyr-Arg-Gly-Phe-Cys-Tyr-Arg-Lys-Cys-Arg-NH_2 (SEQ ID NO: 6)--

Please replace lines 1-4 on page 5 with the following rewritten lines:

--P2 : Arg-Arg-Trp-Cys-Phe-Arg-Val-Cys-Tyr-Lys-Gly-Phey-Cys-Tyr-Arg-Lys-Cys-Arg-NH_2 (SEQ ID NO: 7)--

B3

--T1 : Lys-Trp-Cys-Phe-Arg-Val-Cys-Tyr-Arg-Gly-Ile-Cys-Tyr-Arg-Arg-Cys-Arg-NH_2 (SEQ ID NO: 8)--

--T2 : Arg-Trp-Cys-Phe-Arg-Val-Cys-Tyr-Arg-Gly-Ile-Cys-Tyr-Arg-Lys-Cys-Arg-NH_2 (SEQ ID NO: 9)--

--T3 : Lys-Arg-Cys-Phe-Arg-Val-Cys-Tyr-Arg-Gly-Ile-Cys-Tyr-Lys-Arg-Cys-Arg-NH_2 (SEQ ID NO: 10)--

Please replace lines 21-22 on page 8 with the following rewritten lines:

--Baa Xaa Xaa Baa Xaa Xaa Xaa Xaa Baa Baa Baa Xaa Xaa Xaa Xaa Xaa Xaa Baa (I) (SEQ ID NO: 11)

B4

Baa Baa Xaa Xaa Xaa Baa Xaa Xaa Xaa Baa Xaa Xaa Xaa Xaa Baa Baa Xaa Baa (II) (SEQ ID NO: 12)--

Please replace line 25 on page 8 with the following rewritten line:

B5 --Baa (Xaa Baa) Xaa (Xaa Baa) Xaa (Xaa Baa) Xaa Xaa (Xaa Baa) Baa (Xaa Baa)Xaa Xaa Xaa (Xaa Baa) (Xaa Baa) Xaa Baa (SEQ ID NO : 38)--

Please replace the paragraph starting at line 27 on page 8 with the following rewritten paragraph:

-- - the Baa groups, identical or different, represent an amino acid residue whose side chain carries a base group, and--

B6

Please replace the paragraph starting at line 30 on page 8 with the following rewritten paragraph:

-- - the Xaa groups, identical or different , represent an aliphatic or aromatic amino acid residue,--

Please replace the paragraph starting at line 6 on page 9 with the following rewritten paragraph:

B7 --Baa and Xaa may or may not be natural amino acids, including D-amino acids--

Please replace the paragraph starting at line 10 on page 9 with the following rewritten paragraph:

--Baa is chosen from among arginine, lysine, diaminoacetic acid, diaminobutyric acid, diaminoproprionic acid, ornithine.--

B8 Please replace the paragraph beginning at line 13 on page 9 with the following rewritten paragraph:

-- Xaa is chosen from among glycine, alanine, valine, norleucine, isoleucine, leucine, cysteine, cysteine^{Acm}, penicillamine, methionine, serine, threonine, asparagine, glutamine, phenylalanine, histidine, tryptophan, tyrosine, proline, Amino butyric acid, carboxylic amino-1-cyclohexane acid, Amino isobutyric acid, carboxylic 2-aminotetraline, 4-bromophenylalanine,

B8 tert-Leucine, 4-chlorophenylalanine, β-cyclohexylalanine, 3,4-dichlorophenylalanine, 4-fluorophenylalanine, homoleucine, β-homoleucine, homophenylalanine, 4-methylphenylalanine, 1-naphthylalanine, 2-naphthylalanine, 4-nitrophenylalanine, 3-nitrotyrosine, norvaline, phenylglycine, 3-pyridylalanine, (2-Thienyl)-alanine.

Please replace lines 4-5 on page 10 with the following rewritten lines:

--Arg Xaa Xaa Arg Xaa Uaa Xaa Uaa Arg Arg Arg Xaa Uaa Xaa Uaa Xaa Xaa

B9 Arg -NH_2 (V) (SEQ ID NO : 13)

Arg Arg Xaa Uaa Xaa Arg Xaa Uaa Xaa Arg Xaa Xaa Uaa Xaa Arg Arg Uaa

Arg -NH_2 (VI) (SEQ ID NO : 14)--

Please replace line 7 on page 10 with the following rewritten line:

-- Uaa represents serine or threonine--

Please delete line 8 on page 10.

Please replace the paragraph beginning at line 9 on page 10 with the following rewritten paragraph:

B10 --the Xaa groups, identical or different, represent an amino acid which may or may not be natural (including D-amino acids), either aliphatic or aromatic, such as among glycine, alanine, valine, norleucine, isoleucine, leucine, cysteine, cysteine^{Acm}, penicillamine, methionine, serine, threonine, asparagine, glutamine, phenylalanine, histidine, tryptophan, tyrosine, proline, Amino butyric acid, carboxylic amino-1-cyclohexane acid, Amino isobutyric acid, carboxylic 2-aminotetraline, 4-bromophenylalanine, tert-Leucine, 4-chlorophenylalanine, β-cyclohexylalanine, 3,4-dichlorophenylalanine, 4-fluorophenylalanine, homoleucine, β-homoleucine, homophenylalanine, 4-methylphenylalanine, 1-naphthylalanine, 2-naphthylalanine, 4-

B10

nitrophenylalanine, 3-nitrotyrosine, norvaline, phenylglycine, 3-pyridylalanine, (2-Thienyl)-alanine.--

Please replace Table I on page 11 as follows:

--

Code	Sequence	Modification
SM1738	Arg-Gly-Gly-Arg-Leu-Ser-Tyr-Ser-Arg-Arg-Arg-Phe-Ser-Val-Ser-Val-Gly-Arg (SEQ ID NO:15)	Head of series
SM1736	arg-gly-gly-arg-leu-ser-tyr-ser-arg-arg-arg-phe-ser-val-ser-val-gly-arg (SEQ ID NO:15)	Amino acid of D form of SM1738
SM1727	Arg-Gly-Val-Ser-Val-Ser-Phe-Arg-Arg-Arg-Ser-Tyr-Ser-Leu-Arg-Gly-Gly-Arg (SEQ ID NO:17)	Retro form of SM1738
SM1739	Glu-Gly-Gly-Glu-Leu-Ser-Tyr-Ser-Glu-Glu-Glu-Phe-Ser-Val-Ser-Val-Gly-Glu (SEQ ID NO:18)	Reversed Charge (R → E)
SM2187	Arg-Gly-Gly-Arg-Leu-Ala-Tyr-Arg-Leu-Leu-Arg-Phe-Ala-Ile-Arg-Val-Gly-Arg (SEQ ID NO:19)	Increased amphipathicity
SM2188	Oaa-Gly-Gly-Oaa-Xaa-Xaa-Baa-Oaa-Xaa-Xaa-Oaa-Baa-Xaa-Xaa-Xaa-Oaa-Xaa-Gly (SEQ ID NO:20)	Increased hydrophobicity
SM2189	Arg-Ala-Ala-Arg-Leu-Gly-Tyr-Arg-Xaa-Xaa-Arg-Phe-Gly-Zaa-Arg-Val-Gly-Arg (SEQ ID NO:21)	Increased amphipathicity
SM2194	Tyr-Arg-Arg-Arg-Phe-Ser-Val-Ser-Val-Arg (SEQ ID NO:22)	C-terminal end of SM2193
SM2195	Arg-Arg-Leu-Ser-Tyr-Ser-Arg-Arg-Arg-Phe (SEQ ID NO:23)	N-terminal end of SM2193
SM2193	Arg-Arg-Leu-Ser-Tyr-Ser-Arg-Arg-Arg-Phe-Ser-Val-Ser-Val-Arg (SEQ ID NO:24)	Reduced flexibility (G deletion)
SM2196	Arg-Gly-Gly-Arg-Leu-Ser-Tyr-Ser-Arg-Arg-Arg-Phe-Ser-Thr-Ser-Thr-Gly-Arg (SEQ ID NO:25)	Inhibition dimerization

--.

Please replace Table II on page 11 as follows:

Code	Sequence	Modification
SM1726	Lys-Trp-Ser-Phe-Arg-Val-Ser-Tyr-Arg-Gly-Ile-Ser-Tyr-Arg-Arg-Ser-Arg (SEQ ID NO:26)	Head of series

SM2307	Arg-Trp-Ser-Phe-Arg-Val-Ser-Tyr-Arg-Gly-Ile-Ser-Tyr-Arg-Arg-Ser-Arg (SEQ ID NO:27)	K → R mutation
SM2392	arg-trp-ser-phe-arg-val-ser-tyr-arg-gly-ile-ser-tyr-arg-arg-ser-arg (SEQ ID NO:28)	Amino acid of D form (of SM2307)
SM2309	lys-trp-ser-phe-arg-val-ser-tyr-arg-gly-ile-ser-tyr-arg-arg-ser-arg (SEQ ID NO:29)	Amino acid of D form (of SM1726)
SM2310	Arg-Ser-Arg-Arg-Tyr-Ser-Ile-Gly-Arg-Tyr-Ser-Val-Arg-Phe-Ser-Trp-Lys (SEQ ID NO: 30)	Retro form
SM2190	Oaa-Baa-Xaa-Baa-Oaa-Xaa-Xaa-Baa-Oaa-Gly-Xaa-Oaa-Baa-Xaa-Xaa-Oaa-Xaa (SEQ ID NO:31)	Increased hydrophobicity
SM2191	Lys-Trp-Ala-Phe-Arg-Val-Ala-Tyr-Arg-Gly-Ile-Arg-Tyr-Leu-Leu-Arg-Leu (SEQ ID NO:32)	Increased amphipathicity
SM2192	Lys-Tyr-Ala-Trp-Arg-Val-Ala-His-Arg-Gly-Ile-Arg-Trp-Leu-Leu-Arg-Xaa (SEQ ID NO:33)	Increased amphipathicity

B11

Please replace the paragraph beginning at line 4 on page 11 with the following rewritten paragraph:

B12

--In the sequences of tables I and II above, Baa represents Naphthylalanine, Oaa represents Ornithine, Xaa represents Norleucine and Zaa represents Norvaline.

On page 12, line 9, after "etc.", please delete "..".

Please replace the sentence at page 12, line 25, with the following rewritten sentence:

B13

-- - m is 1 or more, preferably [up] m is 1 to 10, [advantageously up] more preferably m is 1 to 5.--

Please replace lines 6-8 on page 17 with the following rewritten lines:

-- Arg-Gly-Gly-Arg-Leu-Xaa-Tyr-Xaa-Arg-Arg-Arg-F-Xaa-Val-Xaa-Val-Gly-Arg-NH_2 (SEQ ID NO:34)--

B14

-- Arg-Arg-Trp-Xaa-Phe-Arg-Val-Xaa-Tyr-Arg-Gly-Phe-Xaa-Tyr-Arg-Lys-Xaa-Arg-NH_2 (SEQ ID NO:35)--

B14

-- Lys-Trp-Xaa-Ph-Arg-Val-Xaa-Tyr-Arg-Gly-Ile-Xaa-Tyr-Arg-Arg-Xaa-Arg-NH_2 (SEQ ID NO:36)--

Please replace line 13 on page 17 with the following rewritten line:

B15

-- Arg-Gly-Gly-Arg-Leu-CysTyr-Cys-Arg-Arg-Arg-Phe-Cys-Val-Cys-Val-Gly-Arg-NH_2 (SEQ ID NO:1)

Please replace line 15 on page 17 with the following rewritten line:

B16

-- Lys-Trp-Cys-Phe-Arg-Val-Cys-Tyr-Arg-Gly-Ile-Cys-Tyr-Arg-Arg-Cys-Arg-NH_2 (SEQ ID NO: 8)

Please replace line 17 on page 17 with the following rewritten line:

B17

-- Lys Trp Xaa Phe Arg Val Xaa Tyr Arg Gly Ile Xaa Tyr Arg Arg Xaa Arg-NH_2 (SEQ ID NO:36)

Please replace line 8 on page 18 with the following rewritten line:

B18

-- Arg-Gly-Gly-Arg-Leu-Xaa-Tyr-Xaa-Arg-Arg-Arg-Phe-Xaa-Val-Xaa-Val-Gly-Arg-NH_2 (SEQ ID NO:37)

Please replace line 25 on page 19 with the following rewritten line:

-- Arg-Xaa-Xaa-Arg-Xaa-Uaa-Xaa-Uaa-Arg-Arg-Arg-Xaa-Uaa-Xaa-Uaa-Xaa-Xaa-Arg-NH_2 (SEQ ID NO:13)--

B19

Please replace line 26 on page 19 with the following rewritten line:

-- Arg-Arg-Xaa-Uaa-Xaa-Arg-Xaa-Uaa-Xaa-Arg-Xaa-Xaa-Uaa-Xaa-Arg-Arg-Uaa-Arg-NH_2 (SEQ ID NO:14)--